

ABSTRACT OF THE DISCLOSURE

In an encoding unit 100 for encoding a motion image are provided a corrector 121 scene determiner 122, correction data generator 123, and scene change detector 124. The scene change detector 124 detects a scene change in a motion image based on a differential image during encoding, and the detection result is input to the scene determiner 122. The scene determiner 122 determines details of the scene of an image after a scene change using a predicted image from the movement compensator 116, and the correction data generator 123 determines the correction method based on the result of the scene determination. The corrector 121 executes corrections by the set correction method until a next scene change is detected. In this way the correction method is updated only when a scene change is detected, thereby executing suitable correction and reducing the quantity of calculation necessary for correction.